

In the Claims

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1-44. (Canceled).

45. (Withdrawn) A method comprising:

determining whether a data storage area of a disc is storing an emulator in response to a communication between the disc and a computer, the disc including a communication control circuit; and

downloading an emulator by making an auto-call from the communication control circuit to a software provider if the data storage area does not include an emulator.

46. (New) A computer system comprising:

(a) a computer;

(b) an optical disc, including:

(i) a data storage portion arranged and configured to store a particular operating system (“OS”), and a plurality of emulators which make the particular OS operable for different types of computers, the plurality of emulators being defined as stored emulators;

(ii) an electronic circuit, the electronic circuit including a data processing portion and memory storing a list of contents stored in the data storage portion, wherein the data processing portion is configured to read the list of contents and to send the list of contents to the computer when the optical disc is operatively connected to the computer; and

(c) wherein the computer is arranged and configured to receive an instruction to change to the particular OS and

(i) if an emulator for the particular OS is located on the computer, then the computer reads the particular OS from the data storage portion;

(ii) if an emulator is not stored on the computer, then the computer reads one of the stored emulators and the particular OS from the data storage portion,

whereby the computer is arranged and configured to then execute the particular OS and the emulator located on the computer.

47. (New) The computer system of claim 46, wherein the data storage portion comprises random access memory for storing fixed information.

48. (New) The computer system of claim 46, wherein the data storage portion comprises read only memory to temporarily store data.

49. (New) The computer system of claim 46, wherein the data processing portion comprises a central processing unit.

50. (New) The computer system of claim 46, further comprising an optical disc drive unit for receiving the optical disc.

51. (New) The computer system of claim 46, wherein the electronic circuit further comprises a system interface for exchanging information with an external device.

52. (New) The computer system of claim 46, wherein the electronic circuit further comprises a communication control circuit for downloading a desired emulator by making an auto-call to a software provider.

53. (New) A computer system to which an optical disc having a data storage portion and an electronic circuit mounted thereon is to be attached, wherein:

the data storage portion stores a particular operating system (“OS”), and a plurality of emulators which make the particular OS operable for a specified computer kind;

the electronic circuit includes a data processing portion and a memory storing a list of contents stored in the data storage portion;

when the optical disc is attached to the computer, the data processing portion sends the contents list read out from the data storage portion to the computer; and

the computer, responsive to receipt of the contents list and a change instruction of the particular OS, when the emulator adapted to the computer kind is included in the computer only the particular OS is read out from the data storage portion, when the emulator adapted to the own computer kind is not included in the computer particular OS and the emulator to be adapted are read out from the data storage portion, and the read out OS, and the read out particular OS and emulator are executed.